

PATENT COOPERATION TREATY

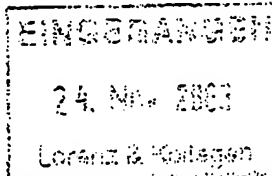
From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

LORENZ, Werner
Alte Ulmer Str. 2
89522 Heidenheim
ALLEMAGNEDate of mailing (day/month/year)
05 November 2003 (05.11.03)Applicant's or agent's file reference
ZS 5699 PCT

IMPORTANT NOTICE

International application No.
PCT/EP03/03616International filing date (day/month/year)
08 April 2003 (08.04.03)Priority date (day/month/year)
30 April 2002 (30.04.02)

Applicant

CARL ZEISS SMT AG et al

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

AU, AZ, BY, CN, CO DZ, HU, JP, KG, KP, KR, MD, MK, MZ, RU, TM, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE, AG, AL, AM, AP, BA, BB, BG, BR, BZ, CA, CR, CU, CZ, DM, EA, EC, EE, EP, GD, GE, GH, GM, HR, ID, IL, IN, IS, KE, KZ, LC, LK, LR, LS, LT, LV, MA, MG, MN, MW, MX, NI, NO, NZ, OA, OM, PH, PL, RO, SC, SD, SG, SK, SL, TJ, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 13 November 2003 (13.11.03) under No. 03/093902

4. **TIME LIMITS** for filing a demand for international preliminary examination and for entry into the national phase

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO
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Authorized officer

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EV37246714

INTERNATIONAL SEARCH REPORT

Internal Application No. [REDACTED]

PCT/EP 03/03616

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03F7/20 G02B26/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B G03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 03 807 A (ZEISS CARL FA) 11 November 1999 (1999-11-11) cited in the application page 2, line 40 - line 43 page 2, line 58 - line 66 page 3, line 30 - line 33 page 4, line 28 - line 30 page 6, line 58 - line 66	1-27
X	EP 1 026 547 A (SVG LITHOGRAPHY SYSTEMS INC) 9 August 2000 (2000-08-09) paragraphs '0031!-'0033! abstract	1-27
P, A	DE 101 20 446 A (ZEISS CARL) 28 November 2002 (2002-11-28) paragraphs '0068!', '0069!; figure 3	1,3,5, 7-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- **T** later document; published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- **X** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- **Y** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- **A** document member of the same patent family

Date of the actual completion of the International search

1 December 2003

Date of mailing of the international search report

10/12/2003

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INTERNATIONAL SEARCH REPORT

Intern. Application No.
PCT/EP 03/03616

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	DE 100 53 587 A (ZEISS CARL) 2 May 2002 (2002-05-02) cited in the application paragraph '0088!; claims 1,9,11,12; figures 1,3,5	1
A	DE 199 35 568 A (ZEISS CARL FA) 15 February 2001 (2001-02-15) page 5, line 46 page 6, line 26-28	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 03/03616

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19903807	A	11-11-1999	DE 19903807 A1	11-11-1999
			DE 29902108 U1	30-12-1999
			WO 9957732 A1	11-11-1999
			EP 0955641 A1	10-11-1999
			EP 1076906 A1	21-02-2001
			JP 2000003858 A	07-01-2000
			JP 2002514007 T	14-05-2002
			TW 446855 B	21-07-2001
			US 2003012333 A1	16-01-2003
			US 2003086524 A1	08-05-2003
			US 2003095622 A1	22-05-2003
			US 6198793 B1	06-03-2001
			US 6438199 B1	20-08-2002
			US 6400794 B1	04-06-2002
EP 1026547	A	09-08-2000	US 6195201 B1	27-02-2001
			EP 1026547 A2	09-08-2000
			JP 2000223415 A	11-08-2000
			KR 2000057769 A	25-09-2000
DE 10120446	A	28-11-2002	DE 10120446 A1	28-11-2002
			JP 2003031490 A	31-01-2003
			US 2003002023 A1	02-01-2003
DE 10053587	A	02-05-2002	DE 10053587 A1	02-05-2002
			DE 20100123 U1	23-05-2002
			EP 1202100 A2	02-05-2002
			EP 1202101 A2	02-05-2002
			JP 2002198309 A	12-07-2002
			JP 2002203784 A	19-07-2002
			US 2002141071 A1	03-10-2002
			US 2002136351 A1	26-09-2002
DE 19935568	A	15-02-2001	DE 19935568 A1	15-02-2001
			DE 29915847 U1	21-12-2000
			WO 0109684 A1	08-02-2001
			WO 0109681 A2	08-02-2001
			EP 1200878 A2	02-05-2002
			EP 1200879 A1	02-05-2002
			EP 1220039 A1	03-07-2002
			EP 1239330 A1	11-09-2002
			JP 2003506747 T	18-02-2003
			JP 2003506881 T	18-02-2003
			TW 472176 B	11-01-2002
			TW 490597 B	11-06-2002
			US 2003002022 A1	02-01-2003
			US 2003076607 A1	24-04-2003